

Mayor: Randy Watts



February 10, 2011

Utah Division of Environmental Quality
Division of Solid and Hazardous Waste
P.O. Box 144880
Salt Lake City, Utah 84114-4880

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UTAH DIVISION OF
SOLID & HAZARDOUS WASTE

2011. 00368

Attention: Scott T. Anderson, Director

Subject: Annual Landfill Report 2011

I am pleased to submit the attached Logan City Sanitary Landfill Annual Report. The report is based on the information requested in the Solid Waste Facility Annual Report Forms from the Department of Environmental Quality Division of Solid and hazardous Waste.

This report includes the Class I Solid Waste Annual Report Form, the Class IVb Solid Waste Annual Report form, the Compost Facility annual Report Form, an Executive Summary, Attachment I - IV and Appendices A and B.

Attachments:

- I. Financial Assurance
- II. Groundwater Monitoring Report
- III. Explosive Gas Monitoring Report
- IV. Training Report

Appendices:

- A. Tonnage Report
- B. Calculations and References

If you have any questions regarding this report, please feel free to call Issa Hamud at (435) 716-9752.

Sincerely,

Randy Watts
Mayor

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- Ferrous Metals
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I. Calculations

SOLID WASTE LANDFILL ANNUAL REPORT

For Calendar year 2010

Administrative Information (Please enter all the information requested below)

Facility Name: Logan City Sanitary Landfill

Facility Mailing Address: 450 North 1000 West

(Number & Street, Box and/or Route)

City: Logan Zip Code: 84321

County: Cache Permit Number: 9432R2

Owner

Name: City of Logan Phone No.: 435-716-9000

Owner Mailing Address: 290 North 100 West

(Number & Street, Box and/or Route)

City: Logan State: Utah Zip Code: 84321

Contact Name: Issa Hamud Contact Title: Environmental Director

Contact's Mailing Address: 450 North 1000 West

Phone No.: 435-716-9752 Contact's Email Address: issa.hamud@loganutah.org

Operator (Complete this section only if the operator is not an employee of the Owner shown above)

Name: NA Phone No.: NA

Owner Mailing Address: NA

(Number & Street, Box and/or Route)

City: NA State: Utah Zip Code: NA

Contact Name: NA Contact Title: NA

Contact's Mailing Address: NA

Phone No.: NA Contact's Email Address: NA

Facility Type and Status

- ☒ Class I ☐ Class IIIb ☐ Class V ☐ Facility Closed during the year
☐ Class II ☐ Class IVa ☐ Class VI
☐ Class IIIa ☐ Class IVb
Date Closed: _____

Annual Disposal (Tons received at the facility for disposal)

Waste Type	Waste Origin		Total	Measurement	
	In-State	Out-of-State		Tons	Cubic Yards
Municipal	<u>74,816.00</u>	_____	<u>74,816.00</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Industrial	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
C/D*	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>

*C/D waste includes all waste going to a Class IV or VI landfill cell

Conversion Factor Used

☐ None Used ☒ Site Specific ☐ From Rules List Site Specific Conversion: 0.33 tons per unweigh

RecyclingMaterial Recycled: 7,762.00Reported in Tons ☒ Cubic Yards ☐**Utah Disposal Fee**Disposal fee required to be paid to State Yes ☒ No ☐ (If yes please show fees paid below)Municipal: \$12,250.00 Industrial: _____ C/D: _____ Annual: _____

Municipal, Industrial and C/D are fees paid by Commercial Facilities. Annual fee is paid by facilities operated by a municipality

Current Landfill Remaining CapacityTons: _____ Cubic Yards: 4,695,129.00 Acre: _____ Years: _____Acres Currently Open: 85.00 Acres Currently Closed: _____**Financial Assurance**Current Closure Cost Estimate: \$6,363,517.00Current Post-Closure Cost Estimate: \$883,960.00Current Amount or Balance in Mechanism: \$1,640,775.00

(If facility permit has been renewed and if balance does not equal or exceed total for closure and post-closure care please contact the Division)

Current Financial Assurance Mechanism: Government Trust and Investment Fund

(ie. Bond, Trust Fund, Corporate or government Test etc.)

Current Financial Assurance Mechanism Holder: PTIF Account #0871

(ie. Name of Bond Company, Bank etc. Account number)

Financial Assurance: Each facility must recalculate the cost of closure and post-closure care to account for inflation and design changes each year. The inflation factor can be found on the Division web page. Facilities that are using a trust account should include a copy of the most recent account statement.

Note Facilities using "Local Government Financial Test" or the "Corporate Financial Test" must provide the information required in R315-309-8(4) or R315-309-9(3) each year.

Other Reports and Information to be Submitted with Annual ReportGround Water Monitoring: Class I and V landfills only. Check if exempt ☐Explosive Gas Monitoring: Class I, II and V landfills only. Check if exempt ☐Does the facility have a landfill gas collection system Yes ☐ No ☒

If yes please briefly describe use of gas, e.g., flared or used for electricity generation.

Training Report: A report of all training programs or procedures completed by facility personnel during the year.

Signature: _____

Date: 2/10/11

Signature should be by an executive officer, general partner, proprietor, elected official, or a duly authorized representative. A duly authorized representative must meet the requirements of the solid waste rules (UAC R315-310-2(4)(d)).

Type Name: Issa HamudTitle: Environmental Director

SOLID WASTE LANDFILL ANNUAL REPORT

For Calendar year 2010

Administrative Information (Please enter all the information requested below)

Facility Name: Logan City Sanitary Landfill

Facility Mailing Address: 450 North 1000 West

(Number & Street, Box and/or Route)

City: Logan Zip Code: 84321

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Name: City of Logan Phone No.: 435-716-9000

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(Number & Street, Box and/or Route)

City: Logan State: Utah Zip Code: 84321

Contact Name: Issa Hamud Contact Title: Environmental Director

Contact's Mailing Address: 450 North 1000 West

Phone No.: 435-716-9752 Contact's Email Address: issa.hamud@loganutah.org

Operator (Complete this section only if the operator is not an employee of the Owner shown above)

Name: NA Phone No.: NA

Owner Mailing Address: NA

(Number & Street, Box and/or Route)

City: NA State: Utah Zip Code: NA

Contact Name: NA Contact Title: NA

Contact's Mailing Address: NA

Phone No.: NA Contact's Email Address: NA

Facility Type and Status

☐ Class I

☐ Class IIIb

☐ Class V

☐ Facility Closed during the year

☐ Class II

☐ Class IVa

☐ Class VI

Date Closed: _____

☐ Class IIIa

☒ Class IVb

Annual Disposal (Tons received at the facility for disposal)

Waste Type	Waste Origin		Total	Measurement	
	In-State	Out-of-State		Tons	Cubic Yards
Municipal	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
Industrial	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
C/D*	<u>17,949.00</u>	_____	<u>17,949.00</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

*C/D waste includes all waste going to a Class IV or VI landfill cell

Conversion Factor Used

☐ None Used

☒ Site Specific

☐ From Rules

List Site Specific Conversion: 0.33 tons per unweighed

Recycling

Material Recycled: _____

Reported in Tons ☐ Cubic Yards ☐

Utah Disposal Fee

Disposal fee required to be paid to State Yes ☐ No ☒ (If yes please show fees paid below)

Municipal: _____ Industrial: _____ C/D: \$0.00 Annual: _____

Municipal, Industrial and C/D are fees paid by Commercial Facilities. Annual fee is paid by facilities operated by a municipality

Current Landfill Remaining Capacity

Tons: 399,110.00 Cubic Yards: _____ Acre: _____ Years: _____

Acres Currently Open: 5.00 Acres Currently Closed: _____

Financial Assurance

Current Closure Cost Estimate: \$6,363,517.00

Current Post-Closure Cost Estimate: \$883,960.00

Current Amount or Balance in Mechanism: \$1,640,775.00

(If facility permit has been renewed and if balance does not equal or exceed total for closure and post-closure care please contact the Division)

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Does the facility have a landfill gas collection system Yes ☐ No ☒

If yes please briefly describe use of gas, e.g., flared or used for electricity generation.

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Date: 2/10/11

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Type Name: Issa Hamud

Title: Environmental Director

Executive Summary

During the year 2010 the Logan City Environmental Department has continued to serve the citizens of Cache County by providing access to a permitted facility for disposal of solid waste. The Logan Landfill includes a Class I Landfill, a Class IVb C&D Landfill, a Compost Facility, a Used Oil Collection Center and a Household Hazardous Waste Collection Program.

During the year 2010, the Logan Landfill was open to the public for 307 days. The Class I Landfill received 74,816 tons of solid waste. This total represents a waste stream equivalent to that received in 1997. The Class IVb C&D Landfill received 17,949 tons of construction and demolition waste. The Composting Facility received 10,908 tons of green waste material and was able to donate and sell 44,002 cubic yards of usable product. In addition the compost facility also sold 188 cords of wood as well. The Used Oil Collection Center at the landfill shipped out 3,080 gallons for recycling and the Household Hazardous Waste Collection Program collected and shipped out 208 barrels with a total combined container volume of 9,010 gallons.

The landfill received and was able to divert 266 refrigerators, 59.9 tons of TV and Computer Monitors, 42.8 tons of tires and 806 lead batteries for proper disposal or recycling.

Because of the extensive expansion of the curbside recycling program which was implemented in June 2006. Thanks to the cooperation of many citizens and businesses, 7,762 tons of recyclable material was diverted away from the landfill in 2010.